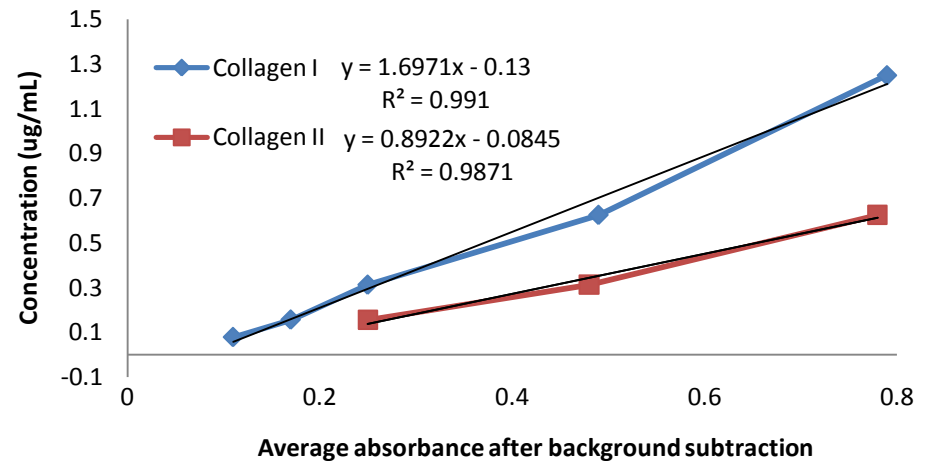


A

	1 Collagen Standards	2 Collagen Standards	3 Samples
A	10 $\mu\text{g/mL}$	10 $\mu\text{g/mL}$ (duplicate)	Experimental
B	5	"	Experimental
C	2.5	"	Control
D	1.25	"	Control
E	625 ng/mL	"	BLANK
F	312	"	BLANK
G	156	"	BLANK
H	78	"	BLANK

B

Collagen Absorbance Standards

**C**

	Collagen II	Collagen I	CNII/CNI
Experimental	50ng/mL	12ng/mL	4.2
Control	N/A	65ng/mL	N/A

Figure 3- Indirect ELISA Particulars. (A) Protein samples were prepared on 96-well plates for ELISA as shown. (B) Collagen absorbance curves were calculated to obtain linear equations and back-calculate the concentrations of collagen types. (C) Ratios of CNII to CNI indicated that our experimental cells had maintained relatively high levels of chondrocyte phenotype, whereas our controls predominantly exhibited fibroblast phenotype.